

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 750 (1976): Handloom Cotton Lungies [TXD 8: Handloom and Khadi]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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AMENDMENT NO. 1 JANUARY 1978
TO
IS : 750-1976 SPECIFICATION FOR HANDLOOM COTTON LUNGIES
(First Revision)

Alteration

(Page 2, Table 2) — Substitute the following for the existing table:

TABLE 2 OTHER REQUIREMENTS OF HANDLOOM COTTON LUNGIES

(Clause 3)

SI No.	Characteristic	Requirement	Method of Test
(1)	(2)	(3)	(4)
i)	Dimensional changes, percent, <i>Max</i>	4	IS : 2977-1964*
ii)	Scouring loss, percent, <i>Max</i>	2.5	IS : 1383-1977† (Mild method)
iii)	Colour fastness to :		
	Light	5 or better	IS : 2454-1967‡
	Washing, Test 3	4 or better	IS : 764-1966§
iv)	Length	2 to 2.25 m or 4 m or as ordered	IS : 1954-1969
v)	Width	110 to 127 cm or as required	

*Method for determination of dimensional changes of woven fabrics (other than wool) on soaking in water.

†Methods for determination of scouring loss in grey and finished cotton textile materials (*first revision*).

‡Method for determination of colour fastness of textile materials to artificial light (xenon lamp).

§Method for determination of colour fastness of textile materials to washing: Test 3 (*first revision*).

||Method for determination of length and width of fabrics (*first revision*).

AMENDMENT NO. 2.. JANUARY 1980
TO
IS:750-1976 SPECIFICATION FOR HANDLOOM COTTON LUNGIES
(First Revision)
Alteration

(Page 1, Table 1):

- a) Col 2 and 3, against 'Method of Test' -
Substitute 'IS:3442-1966*' for 'IS:1315-1959*' at both the places.
- b) Foot-note with '*' mark) - Substitute the following for the existing foot-note:

'*Method for determination of crimp and count of yarn removed from fabrics.'

(TDC 13)

Reprography Unit, BIS, New Delhi, India



Indian Standard

SPECIFICATION FOR
HANDLOOM COTTON LUNGIES

(First Revision)

DC 13 (1952) J

1. Scope — Prescribes the constructional particulars and other requirements of 16 varieties of handloom cotton lungies, striped, checked or printed.

.1 This standard does not specify the general appearance, feel, finish, etc, of lungies.

Manufacture — Lungies shall be woven in plain weave using yarn conforming to IS : 171-1973 Specification for grey cotton yarn (*second revision*)[†]. The constructional particulars shall conform those given in Table 1.

TABLE 1 CONSTRUCTIONAL PARTICULARS OF HANDLOOM COTTON LUNGIES

Variety No.	Count of Yarn		Ends/cm	Picks/cm
	Warp	Weft		
(1)	(2)	(3)	(4)	(5)
1	20 ^a (or 30 tex)	20 ^a (or 30 tex)	17	17
2	20 ^a (or 30 tex)	20 ^a (or 30 tex)	19	21
3	20 ^a (or 30 tex)	20 ^a (or 30 tex)	21	19
4	20 ^a (or 30 tex)	30 ^a (or 20 tex)	20	25
5	30 ^a (or 20 tex)	30 ^a (or 20 tex)	21	23
6	40 ^a (or 14.5 tex)	40 ^a (or 14.5 tex)	25	28
7	40 ^a (or 14.5 tex)	40 ^a (or 14.5 tex)	32	32
8	40 ^a (or 14.5 tex)	40 ^a (or 14.5 tex)	32	36
9	60 ^a (or 10 tex)	40 ^a (or 14.5 tex)	34	38
10	60 ^a (or 10 tex)	40 ^a (or 14.5 tex)	36	35
11	60 ^a (or 10 tex)	40 ^a (or 14.5 tex)	36	40
12	60 ^a (or 10 tex)	40 ^a (or 14.5 tex)	40	38
13	60 ^a (or 10 tex)	60 ^a (or 10 tex)	34	40
14	80 ^a (or 7.4 tex)	80 ^a (or 7.4 tex)	44	49
15	80 ^a (or 7.4 tex)	80 ^a (or 7.4 tex)	46	44
16	80 ^a (or 7.4 tex)	80 ^a (or 7.4 tex)	50	47
Tolerance	± 5 percent	± 5 percent	± 5 percent	± 5 percent
Method of Test	IS : 1315-1959 [*]	IS : 1315-1959 [*]	IS : 1963-1969 [†]	

^{*}Method for determination of universal count of cotton yarn.

[†]Methods for determination of threads per decimetre in woven fabrics (*first revision*).

3. Requirements — Other requirements of lungies shall conform to those given in Table 2.

Adopted 14 May 1976

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INDIAN STANDARDS INSTITUTION
MANAK BHAVAN, 9 SAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

Handloom and Khadi Sectional Committee, TDC 13; Handloom and Khadi Cotton Cl.

TABLE 2 OTHER REQUIREMENTS OF HANDLOOM COTTON LUNGIES

(Clause 3)

SI No.	Characteristic	Requirement	Method of Test
(1)	(2)	(3)	(4)
i)	Dimensional changes, percent, <i>Max</i>	4	IS : 2977-1969*
ii)	Scouring loss, percent, <i>Max</i>	2.5	IS : 1383-1960† (Diastase method)
iii)	Colour fastness: Light Washing, Test 3	5 4 or better	See Note
iv)	Length	2 to 2.25 m or 4 m or as ordered	IS : 1954-1969‡
v)	Width	110 to 127 cm or as required	

Note — Vat dyes or azoics are recommended for dyeing as these are expected to give the stipulated colour fastness ratings when tested by the appropriate methods.

*Method for determination of dimensional changes of woven fabrics (other than wool) on soaking in water.

†Methods for determination of scouring loss in grey and finished cotton textile materials.

‡Method for determination of length and width of fabrics (*first revision*).

4. Inspection — The lungies when visually inspected should be reasonably free from the following defects (see IS : 4125-1967 Glossary of terms pertaining to defects in fabrics):

- Wefth crack of more than 2 missing picks across the width of the material;
- Prominently noticeable weft bar due to the difference in raw material, count, twist, colour, shade or pick spacing of adjacent groups of weft yarn;
- More than two adjacent ends running parallel, broken or missing and extending beyond 15 cm;
- Prominent selvage defect;
- Noticeable warp or weft float in the body of the material;
- Noticeable oil or other stain in the material;
- Noticeable hole, cut or tear up to 3 mm in size in the body of the fabric;
- Smash definitely rupturing the texture of the material; and
- Extensive printing or dyeing defect.

5. Marking — Each lungy shall be suitably marked or labelled with the following information:

- Name of the material;
- Manufacturer's name, initials or trade-mark;
- Length and width; and
- Count of warp and weft yarn.

5.1 ISI Certification Marking — Details available with the Indian Standards Institution.

6. Packing — Unless otherwise agreed upon by the buyer and the seller, the lungies shall preferably be packed in bales or cases in conformity with the procedure laid down either in IS : 1347-1972 'Specification for inland packaging of cotton cloth and yarn (*first revision*)' or IS : 293-1967 'Specification for seaworthy packaging of cotton cloth and yarn (*second revision*)'.

EXPLANATORY NOTE

This standard which was first published in 1956 has been revised to make it up to date. The constructional particulars of lungies, which are not in vogue any more, have been deleted and, instead, the particulars of such lungies have been incorporated which are now being marketed. The breaking strength values of cloth have been deleted since the standard now recommends the use of yarn conforming to IS : 171-1973. Additionally, inspection, marking and packing procedures have been included.

**AMENDMENT NO. 3 MARCH 1984****TO****IS : 750 - 1976 SPECIFICATION FOR HANDLOOM COTTON LUNGIES****(First Revision)**

[This amendment is being issued to include higher tolerance for dimensional change and scouring loss for loom state LUNGIES. Colour fastness ratings are also aligned with IS : 6906-1982 Requirements for colour fastness of handloom cotton textiles (*first revision*)].

Alterations

(Page 1, Table 1):

a) Col 4 and 5 against ' **Method of Test** ' — Substitute ' IS : 1963-1981† ' for ' IS : 1963-1969† '.

b) Foot-note with ' † ' mark — Substitute the following for the existing foot-note:

' †Methods for determination of threads per unit length in woven fabrics (*second revision*). '

[Page 2, Table 2 (see also Amendment No. 1)] — Substitute the following for the existing table:

TABLE 2 OTHER REQUIREMENTS OF HANDLOOM COTTON LUNGIES

(Clause 3)

SI No.	Characteristic	Requirement	Method of Test
(1)	(2)	(3)	(4)
i)	Dimensional changes, percent, <i>Max</i>		
	a) Loom state LUNGIES	6	IS : 2977-1964*
	b) Other LUNGIES	4	
ii)	Scouring loss, percent, <i>Max</i>		
	a) Loom state LUNGIES	6	IS : 1383-1977†
	b) Other LUNGIES	2.5	(Mild Method)
iii)	Colour fastness to:		
	a) Light	4 or better	IS : 686-1957‡ or
	b) Washing, Test 4	3 or better	IS : 2454-1967§
	c) Bleaching	4 or better	IS : 765-1979
	d) Perspiration	4 or better	IS : 762-1956¶
			IS : 971-1956**
iv)	Length	1.8 to 2.25 m or	IS : 1954-1969††
		4 m or as agreed	
v)	Width	90 to 127 cm or	
		as agreed	

*Method for determination of dimensional changes of woven fabrics (other than wool) on soaking in water.

†Method for determination of scouring loss in grey and finished cotton textile materials (*first revision*).

‡Method for determination of colour fastness of textile material to daylight.

§Method for determination of colour fastness of textile materials to artificial light (xenon lamp).

||Method for determination of colour fastness of textile materials to artificial washings: Test 4 (*second revision*).

¶Method for determination of colour fastness of textile materials to hypochlorite bleaching.

**Method for determination of colour fastness of textile materials to perspiration.

††Method for determination of length and width of fabrics (*first revision*).

(Page 2, clause 6, last line) — Substitute the following for the existing line:

'IS : 293-1980 Code for seaworthy packaging of cotton yarn and cloth (*third revision*).'